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SUGGESTION AWARDS COMMITTEE SPECIAL PANEL OF THE CLANDESTINE SERVICES MEETING, 27 May 1968

SUGGESTION NO. 68-152: dated 17 November 1967

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Technician

Clandestine Services/TSD

SUBJECT: Modification to the Webster (UMY-23)

Recorder

Summary of Suggestion

The suggester proposed the following modification methods to quiet the Webster (UMY-23) Operational Recorder and permit wider usage:

- The first, an easy and inexpensive method, is to move one motor lead of the capstan motor from one place and solder it to another place; then solder a jumper between two lugs on the "C" wafer. The capstan motor then remains idle and the solenoid remains activated while on stand-by duty. There is no noise from actuation of the recorder.
- b. The second, more expensive method possibly achieves better results. This requires the addition of a relay (DPDT 30 V DC). This relay keeps the take-up motor alive about two seconds after the capstan motor has stopped and prevents slack from developing in the take-up tape. (Wiring diagram attached).

B. Evaluation

TSD said the suggestion insures quiet operation and wider use of the recorder. However, after initial evaluation of this suggestion, the recorder developed many other technical problems and TSD decided not to use the UMY-23. Therefore, the modification will not be made.

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C.	Recommendation	of	the	Spe	cial	Par	<u>iel</u>
	Decline with	$L\epsilon$	etter	of	Tha	nks.	

D. Decision of the Chairman, Suggestion Awards Committee

Robert S. Wattles
Chairman
Suggestion Awards Committee

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